London Oct 17th 1833

Dear Sir

Two letters received the day after my arrival in London are most thankfully ~~received~~ acknowledged, particularly as they contain an approval of my proceedings as far as you have received a statement of them it gives me great additional pleasure also to inform you that so far all opportunities have been extended to me without charge and that no expenses have arisen further than a few trifling donations to the workmen about the Mint. it is with peculiar pleasure that I state to you that every personal attention has been received from Mr Chaudet, with whom I was engaged daily in the practice of the humid assay, without fee or reward of any kind, I have received also from him much information of a useful character in the art of assay generally and the analysis of Metals.

The only apparatus that I have felt justified in ordering, you have I fully expect received an account of. Some delay will take place in forwarding them in consequence of my leaving Paris Mr Eckfeldts Scale was finished on the day, and as Mr Chaudet was desirous of using it for a few days in order to test its qualities I left it with him

Wm Peale ~~Nov 2~~ 1833 Oct. 17.

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my return to Paris. it shall however be forwarded immediately afterwards.

On my arrival here I presented my letters to Mr Walsh, and in a week was desired by him to call on Lord Auckland the Master of the Mint, I found with him Mr Morrison deputy master to whom our objects were stated, they tendered every facility in all that related to government transactions, but could say nothing on the subject of parting by Sulphuric acid. it being practised (as you have been informed) by Mr Mathieson at the Mint but at his own discretion and combined other than Mint business.

Unfortunately my visit is at an inauspicious moment, in consequence of the state of exchange no bullion is sent to the Mint, and it is therefore completely and entirely idle every thing is standing still and there is no immediate prospect of its recommencing operations

The deputy master very kindly ordered a crucible of Gold to be melted rolled &c for the purpose of shewing the Machinery to a Prussian Gentleman who is here with the same objects as myself.

It is with great regret that I inform you that my application to Mr Mathieson has been answered in the negative. he does not desire to give any information and will not afford any facility except in a general way he declines also to name or accept

any

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a few, thus my prospect of information on the parting with Sulphuric acid in England is entirely closed.

Mr Dickson wrote to Mr Johnson the Gentleman with whom you have had some correspondance. and I mentioned in a late letter that I had met him in Paris, I have since seen him frequently and was received by him with great kindness and liberality. his refinery and Platinum works are extensive and I shall spend all the time that I can spare with him, he recommends should a refinery be established with us that the Platinum be imported in sheets and made into vessels there, good coppersmithes only being requisite

I have had the Pleasure also to see Mr Dickson Senr and report of his good health

The Machinery of the Mint of London is on the Grand scale and some portions to be approved of others are not so well.

The Silver melting room deserves particular attention. but there is no prospect whatever of my seeing it in operation. it has been idle two years, and as yet no prospect of it being otherwise.

You will understand from these statements what my prospects are in London. I have after due consideration resolved to make measurements and memorandums of all that may be desirable in the different departments and with these materials go back to Paris, and there occupy myself

with a series of assays by the Capel, and a few other things that yet remain to be done and fill up the interval by making drafts with the materials mentioned above.

I do this because the living is much cheaper in France, and I can revisit London when the Mint is in operation, of course more advantageously than at this time.

By some strange inadvertance, I find on refering to my notes of letters to you that I have not mentioned the results of my applications to the other refiners in Paris there are three. the first would not on any account and I know not for what reason give any information, the next, Monsieur Rebel, gave every facility including a residence at his house for the requisite time, at a charge of 12.000 francs. The last person evidently had some previous intercourse with Mr Poisat as his charge was the same (50.000 frs).

I will give all attention to the subject of scales, as yet I have had no opportunity of comparison.

I believe that I have touched on all the matters that are important but will write again in a few days. in order to give you my ideas of the Machinery of the London Mint, the presses for piercing the planchets will have a particular notice not for their efficacy or simplicity but the reverse. I am yours respectfully and truly Franklin Peale.

Robt. Samuel Moore -